

Table 1.2. Target Constituents

Parameter	EPA Method No. ¹	Holding Times ²	Matrix ³
Volatile Organics	SW-846 8260A	14 days	Aqueous Soil
Semivolatile organics	SW-846 8270B (Extraction - 3510B or 3520B) SW-846 8270B (Extraction - 3540B or 3550A)	7 days to extraction 40 days to analysis 14 days to extraction and 40 days to analysis	aqueous soil
Diesel range organics	Modified SW-846 8015A Method SW-846 8100 or API Method	7 days to extraction (aqueous) 40 days to analysis 14 days to extraction (solid) 40 days to analysis	aqueous soil
Total metals: ⁴			aqueous soil
Antimony	SW-846 6010A	180 days	
Arsenic	SW-846 6010A	180 days	
Barium	SW-846 6010A	180 days	
Cadmium	SW-846 6010A	180 days	
Chromium	SW-846 6010A	180 days	
Lead	SW-846 6010A	180 days	
Mercury	SW-846 7470(aqueous)/7471A(soil)	28 days	
Nickel	SW-846 6010A	180 days	
Selenium	SW-846 6010A	180 days	
Silver	SW-846 6010A	180 days	
TCLP metals ⁵ (As, Ba, Cd, Cr, Pb, Hg, Se, Ag)	SW-846 1311/6010A/7000A Series ⁶	180 days 28 days (Hg)	aqueous soil
TCLP semivolatile Organics ⁷	SW-846 1311 (extraction) 3510B/3520B (extraction) (aqueous) 3540B/3550B (extraction) (aqueous) 8270B (analysis)	14 days to extraction and 40 days to analysis	aqueous soil
Cyanide ⁸	SW-846 9010A	14 days	aqueous soil
Sulfides ⁹	SW-846 9030A	7 days	aqueous soil
Energetics ¹⁰	SW-846 8330/8332	7 days to extraction 40 days to analysis	aqueous soil
Dioxins/furans	SW-846 8290	30 days from collection until extraction 45 days from collection to analysis	aqueous soil
Nitrates/nitrites	EPA 353.3 ¹¹	28 days ¹² 28 days	aqueous soil
Nitrites	EPA 354.1 ¹¹	48 hours 48 hours ¹²	aqueous soil
Total organic carbon	Modified EPA 415.1 Walkey Black ¹³	28 days 28 days	soil soil
pH	SW-846 9045C	Analyze as soon as possible	soil

¹EPA Test Methods for Evaluating Solid Wastes, SW-846, Update IIB January 1995.